



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Joseph E. Kernan
Governor

Lori F. Kaplan
Commissioner

January 15, 2004

100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015
(317) 232-8603
(800) 451-6027
www.in.gov/idem

TO: Interested Parties / Applicant

RE: Gladieux Processing, Inc. / 069-18218-00042

FROM: Paul Dubenetzky
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Registration

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 4-21.5-3-4(d) this order is effective when it is served. When served by U.S. mail, the order is effective three (3) calendar days from the mailing of this notice pursuant to IC 4-21.5-3-2(e).

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FN-REGIS.dot 9/16/03

January 15, 2004

Mr. Steven Uebelhoer
Gladieux Processing, LLC
4133 New Haven Avenue
Fort Wayne, IN 46803

Re: Registered Construction and Operation Status,
069-18218-00042

Dear Mr. Uebelhoer:

The application from Gladieux Processing, LLC, received on November 10, 2003, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following emission units, to be located at 4761 North 24 East and 4757 North 24 East, Huntington, Indiana, are classified as registered:

Gladieux Processing, LLC, located at 4761 North US 24 East, Huntington, IN 46750-9617 consists of the following permitted emission units and pollution control devices:

- (a) Two (2) recovery oil storage tanks, identified as TK-41 and TK-42, each having a tank capacity of 41,460 gallons. Both tanks were constructed in 1993.
- (b) One (1) residual oil storage tank, identified as TK-43, having a tank capacity of 24,536 gallons. This tank was constructed in 1982.
- (c) One (1) naphtha storage tank, identified as TK-44, having a tank capacity of 22,750 gallons. This tank was constructed in 1982.
- (d) One (1) recovery oil storage tank, identified as TK-45, having a tank capacity of 19,433 gallons. This tank was constructed in 1975.
- (e) One (1) process heater fueled by natural gas, identified as H-201, having a maximum heat input capacity of 8.4 million Btu per hour. This process heater was constructed in 1992 and is used as a direct heater.
- (f) One (1) process heater fueled by natural gas and petroleum distillate, identified as H-301, having a maximum heat input capacity of 8 million Btu per hour of natural gas and 8 million Btu per hour of petroleum distillate, for a total of 16 million Btu per hour. This process heater was constructed in 1993 and is used as a direct heater.

Gladieux Trading and Marketing Company L. P., located at 4757 N. US Highway 24 East, Huntington, IN 46750, consists of the following permitted emission units and pollution control devices:

- (a) Two (2) Jet-A (kerosene) storage tanks, identified as 502 and 506. Tank 502 has a tank capacity of 451,246 gallons and was constructed in 1958. Tank 506 has a tank capacity of 1,015,299 gallons and was constructed in 1958.
- (b) Two (2) Naphtha storage tanks, identified as 503 and 505. Tank 503 has a tank capacity of 1,015,299 gallons and was constructed in 1958. Tank 505 has a tank capacity of 451,246 gallons and was constructed in 1958.
- (c) One (1) #2 fuel oil storage tank, identified as 501, with a tank capacity of 2,284,428 gallons and was constructed in April of 1978.
- (d) One (1) Transmix storage tank, identified as 504, with a tank capacity of 2,284,438 gallons and was constructed in 1958.
- (e) Two (2) ethanol storage tanks, identified as TK-507 and TK-508, each with a storage capacity of 26000 gallons, to be constructed in 2003.

The following conditions shall be applicable:

- (1) Pursuant to 326 IAC 5-1-2 (Opacity Limitations) except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following:
 - (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of 15 minutes (60 readings) in a 6-hour period as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.
- (2) Pursuant to 326 IAC 8-4-3 (Petroleum Liquid Storage Facilities) the following shall be applicable to tanks TK-41, TK-42, 503, 504 and 505:
 - (a) No owner or operator of an affected fixed roof tank shall permit use of such facility unless:
 - (1) The facility has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall unless the source has been retrofitted with equally effective alternative control which has been approved.
 - (2) The facility is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials.
 - (3) All openings, except stub drains, are equipped with covers, lids, or seals such that:
 - (A) The cover, lid, or seal is in the closed position at all times except when in actual use;
 - (B) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;
 - (C) Rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.
- (3) Pursuant to the New Source Performance Standard (NSPS), 326 IAC 12 and 40 CFR 60.116b, Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984), the following shall be applicable to storage tanks TK-41 and TK-42:
 - (a) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source.
 - (b) The Permittee of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 m³ is subject to no provision of this subpart other than those required by this paragraph.
 - (c) Except as provided in paragraphs (f) and (g) of this section, the Permittee of each storage vessel either with a design capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.
 - (d) Except as provided in paragraph (g) of this section, the Permittee of each storage vessel either with a design capacity greater than or equal to 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m³ but less than 151 m³ storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa shall notify the Administrator within 30

days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range.

- (e) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.
 - (1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.
 - (2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:
 - (A) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference--see 40 CFR 60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).
 - (B) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.
 - (3) For other liquids, the vapor pressure:
 - (A) May be obtained from standard reference texts, or
 - (B) Determined by ASTM Method D2879-83 (incorporated by reference--see 40 CFR 60.17); or
 - (C) Measured by an appropriate method approved by the Administrator; or
 - (D) Calculated by an appropriate method approved by the Administrator.
 - (f) The Permittee of each vessel storing a waste mixture of indeterminate or variable composition shall be subject to the following requirements.
 - (1) Prior to the initial filling of the vessel, the highest maximum true vapor pressure for the range of anticipated liquid compositions to be stored will be determined using the methods described in paragraph (e) of this section.
 - (2) For vessels in which the vapor pressure of the anticipated liquid composition is above the cutoff for monitoring but below the cutoff for controls as defined in 40 CFR 60.112b(a), an initial physical test of the vapor pressure is required; and a physical test at least once every 6 months thereafter is required as determined by the following methods:
 - (A) ASTM Method D2879-83 (incorporated by reference--see 40 CFR 60.17);
or
 - (B) ASTM Method D323-82 (incorporated by reference--see 40 CFR 60.17);
or
 - (C) As measured by an appropriate method as approved by the Administrator.
 - (g) The Permittee of each vessel equipped with a closed vent system and control device meeting the specifications of 40 CFR 60.112b is exempt from the requirements of paragraphs (c) and (d) of this section.
- (4) Pursuant to the New Source Performance Standard (NSPS), 326 IAC 12 and 40 CFR 60.116b(a) and (b), Subpart Kb (Standards of Performance for Volatile Organic Liquid Storage Vessels

(Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984), the following shall be applicable to storage tanks TK-507 and TK-508:

- (a) The Permittee shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source.
 - (b) The Permittee of each storage vessel as specified in 40 CFR 60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 m³ is subject to no provision of this subpart other than those required by this paragraph.
- (5) Any change or modification which may increase the potential to emit of a single Hazardous Air Pollutant (HAP) to 10 tons per year or greater, or that of VOC or a combination of HAPs to 25 tons per year or greater shall require prior approval of the Office of Air Quality (OAQ).

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

**Compliance Data Section
Office of Air Quality
100 North Senate Avenue
P.O. Box 6015
Indianapolis, IN 46206-6015**

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,
Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

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cc: File - Huntington County
Huntington County Health Department
Air Compliance – Ryan Hillman
Permit Tracking
Technical Support and Modeling - Michele Boner
Compliance Data Section - Karen Nowak

Registration Annual Notification

This form should be used to comply with the notification requirements under or 326 IAC 2-5.5-4(a)(3)

Company Name: Gladieux Processing, LLC
Address: 4133 New Haven Avenue
City: Fort Wayne, Indiana 46803
Authorized individual:
Phone #:
Registration #:

I hereby certify that Gladieux Processing, LLC, is still in operation and is in compliance with the requirements of Registration No. 069-18218-00042.

Name (typed):
Title:
Signature:
Date:

**Indiana Department of Environmental Management
Office of Air Quality**

Technical Support Document (TSD) for a Re-Registration

Source Background and Description

Source Name:	Gladieux Processing, LLC
Source Location:	4761 North US 24 East, Huntington, IN 46750-9617
County:	Huntington
SIC Code:	7839, 5171
Re-Registration No.:	069-18260-00042
Permit Reviewer:	Madhurima D. Moulik

The Office of Air Quality (OAQ) has reviewed an application from Gladieux Processing, LLC, relating to the construction and operation of two (2) new storage tanks at a petroleum processing facility.

Permitted Emission Units and Pollution Control Equipment

Gladieux Processing, LLC is collocated with Gladieux Trading and Marketing Company L. P.

Gladieux Processing, LLC, located at 4761 North US 24 East, Huntington, IN 46750-9617 consists of the following permitted emission units and pollution control devices:

- (a) Two (2) recovery oil storage tanks, identified as TK-41 and TK-42, each having a tank capacity of 41,460 gallons. Both tanks were constructed in 1993.
- (b) One (1) residual oil storage tank, identified as TK-43, having a tank capacity of 24,536 gallons. This tank was constructed in 1982.
- (c) One (1) naphtha storage tank, identified as TK-44, having a tank capacity of 22,750 gallons. This tank was constructed in 1982.
- (d) One (1) recovery oil storage tank, identified as TK-45, having a tank capacity of 19,433 gallons. This tank was constructed in 1975.
- (e) One (1) process heater fueled by natural gas, identified a H-201, having a maximum heat input capacity of 8.4 million Btu per hour. This process heater was constructed in 1992 and it is used as a direct heater.
- (f) One (1) process heater fueled by natural gas and petroleum distillate, identified as H-301, having a maximum heat input capacity of 8 million Btu per hour of natural gas and 8 million Btu per hour of petroleum distillate, for a total of 16 million Btu per hour. This process heater was constructed in 1993 and it is used as a direct heater.

Gladieux Trading and Marketing Company L. P., located at 4757 N. US Highway 24 East, Huntington, IN 46750, consists of the following permitted emission units and pollution control devices:

- (a) Two (2) Jet-A (kerosene) storage tanks, identified as 502 and 506. Tank 502 has a tank capacity of 451, 246 gallons and was constructed in 1958. Tank 506 has a tank capacity of 1,015,299 gallons and was constructed in 1958.
- (b) Two (2) Naphtha storage tanks, identified as 503 and 505. Tank 503 has a tank capacity of 1,015,299 gallons and was constructed in 1958. Tank 505 has a tank capacity of 451,246 gallons and was constructed in 1958.
- (c) One (1) #2 fuel oil storage tank, identified as 501, with a tank capacity of 2,284,428 gallons and was constructed in April of 1978.
- (d) One (1) Transmix storage tank, identified as 504, with a tank capacity of 2,284,438 gallons and was constructed in 1958.

New Emission Units and Pollution Control Equipment

The source also consists of the following new facilities/units located at 4747 N. US Highway 24 East, Huntington, IN 46750:

- (a) Two (2) ethanol storage tanks, identified as TK-507 and TK-508, each with a storage capacity of 26000 gallons, to be constructed in 2003.

Existing Approvals

The source has been operating under previous approvals including, but no limited to, the following:

- (a) Re-Registration No.: 069-12935-00042, issued on March 21, 2002;
- (b) CP-Registration No.: 069-4905-00042, issued on November 13, 1995; and
- (c) CP-Registration No.: 069-3172-00042, issued on December 7, 1993.

Source Definition

This petroleum processing facility consists of two (2) plants:

- (a) Gladieux Processing, LLC, located at 4761 North US 24 East, Huntington, IN 46750-9617; and
- (b) Gladieux Trading and Marketing Company L. P., located at 4757 N. US Highway 24 East, Huntington, IN 46750.

These two plants are considered one source due to the fact that more than 50% of Gladieux Processing Product is used at the Gladieux Trading and Marketing Company L. P.. IDEM has also determined that Plant 1 Gladieux Trading and Marketing Company L. P. and Plant 2 Gladieux Processing, LLC are under the common control of Gladieux Trading and Marketing Company L.P.

Enforcement Issue

There are no enforcement actions pending.

Recommendation

The staff recommends to the Commissioner that the construction and operation be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

A complete application for the purposes of this review was received on November 10, 2003.

Emission Calculations

The total emissions from the permitted emission units are based on the Technical Support Document for Re-Registration No. 069-12935-00042.

Emissions from each of the new tanks (submitted by source, based on TANKS 4.0 calculations):

VOC (Ethyl alcohol) = 0.25 tons per year.

Potential to Emit of the Source Before Controls

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source or emissions unit to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and

Permit Reviewer: Reviewer Name: Madhurima D. Moulik

restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U.S. EPA, the department, or the appropriate local air pollution control agency."

Pollutant	Potential to Emit (tons/yr)
PM	1.3
PM-10	1.3
SO ₂	14.2
VOC	15.9
CO	5.6
NO _x	13.7

HAPs	Potential to Emit (tons/yr)
Hexane	0.07
Ethyl alcohol	0.50
Total	<25

- (a) The potential to emit (as defined in 326 IAC 2-7-1(29)) of pollutants are less than 25 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-5.5. A registration will be issued.

County Attainment Status

The source is located in Huntington County.

Pollutant	Status
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

- (a) Volatile organic compounds (VOC) are precursors for the formation of ozone. Therefore, VOC emissions are considered when evaluating the rule applicability relating to the ozone standards. Huntington County has been designated as attainment or unclassifiable for ozone. Therefore, VOC emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.
- (b) Huntington County has been classified as attainment or unclassifiable for all other criteria pollutants. Therefore, these emissions were reviewed pursuant to the requirements for Prevention of Significant Deterioration (PSD), 326 IAC 2-2. See the State Rule Applicability for the source section.

Part 70 Permit Determination

326 IAC 2-7 (Part 70 Permit Program)

This source, including the emissions from the new Tanks 507 and 508, is not subject to the Part 70 Permit requirements because the potential to emit (PTE) of:

- (a) each criteria pollutant is less than 100 tons per year,
(b) a single hazardous air pollutant (HAP) is less than 10 tons per year, and
(c) any combination of HAPs is less than 25 tons per year.

Federal Rule Applicability

- (a) The storage tanks, TK-43 and TK-44, are not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60, Subpart Ka), because even though the tanks were built after May 18, 1978 and prior to July 23, 1984, because the tanks do not have a capacity greater than 40,000 gallons. Storage tanks, TK-41 and TK-42, have capacities greater than 40,000 gallons, but the tanks were built after July 23, 1984. Therefore, 40 CFR 60, Subpart Ka does not apply. Storage tank TK-45 was built before May 18, 1978 and it has a capacity less than 40,000 gallons. Therefore, 40 CFR 60, Subpart Ka does not apply. Storage tanks 501, 502, 503, 504, 505 and 506 are not subject to Subpart Ka because they were all constructed prior to May 18, 1978.
- (b) Storage tanks, TK-41 and TK-42 are subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60, Subpart Kb), because the tanks both have capacities greater than 40 cubic meters and they were constructed after July 23, 1984. Storage tanks, TK-43, TK-44, TK-45, 501, 502, 503, 504, 505 and 506 are not subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60, Subpart Kb), because these tanks were constructed prior to July 23, 1984.
- (c) The two (2) new ethanol storage tanks, identified as TK-507 and TK-508, are subject to the New Source Performance Standard, 326 IAC 12, (40 CFR 60, Subpart Kb), because the tanks both have capacities greater than 40 cubic meters and they are to be constructed after July 23, 1984. Each storage tank has a capacity of 26,000 gallons or 98.5 cubic meter. The maximum true vapor pressure of the liquid stored is 0.5 psi, or 3.44 KPa. Therefore, pursuant to 40 CFR 60.110b(c), only the requirements of 40 CFR 60.116b(a) and (b) will apply.
- (d) This source is not subject to the New Source Performance Standard, 326 IAC 12, 40 CFR 60, Subpart J), because this source is not a petroleum refinery. This source does not engage in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants, or other products through distillation of petroleum or through redistillation, cracking, or reforming of unfinished petroleum derivatives.
- (e) This source is not subject to the requirements of the National Emission Standards of Hazardous Air Pollutants (NESHAPs), Subpart CC, because this source is not a petroleum refinery.

State Rule Applicability – Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration)

The potential to emit of all criteria pollutants from this source are less than 250 tons per year, and it is not one of the twenty-eight (28) source categories. Therefore, it is not subject to 326 IAC 2-2.

326 IAC 2-6 (Emission Reporting)

This source is located in Huntington County and the potential to emit of all criteria pollutants is less than one hundred (100) tons per year. Therefore, 326 IAC 2-6 does not apply.

326 IAC 5-1 (Visible Emissions Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in the permit:

- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

326 IAC 2-4.1 (Major Sources of Hazardous Air Pollutants (HAP))

The operation of this petroleum processing facility will emit less than 10 tons per year of a single HAP or 25 tons per year of a combination of HAPs. Therefore, 326 IAC 2-4.1 does not apply.

State Rule Applicability – Individual Facilities

326 IAC 7-1.1-1 (Sulfur Dioxide Emission Limitations)

Process Heaters H-201 and H-301 are not subject to this rule because both heaters have a potential to emit of less than 25 tons per year of sulfur dioxide.

326 IAC 8-4-3 (Petroleum Liquid Storage Facilities)

Tanks TK-41, TK-42, 503, 504 and 505 have capacities greater than 39,000 gallons and a true vapor pressure greater than 1.52 psi. Therefore, 326 IAC 8-4-3 applies to these tanks. Tanks TK-43, TK-44 and TK-45 have capacities less than 39,000 gallons. Therefore, 326 IAC 8-4-3 does not apply to these tanks. Tanks 501, 502, and 506 have a true vapor pressure of less than 1.52. Therefore, 326 IAC 8-4-3 does not apply to these tanks.

The two (2) new ethanol storage tanks TK-507 and TK-508 have capacities less than 39,000 gallons. Therefore, 326 IAC 8-4-3 does not apply to these tanks.

(a) No owner or operator of an affected fixed roof tank shall permit use of such facility unless:

- (1) The facility has been retrofitted with an internal floating roof equipped with a closure seal, or seals, to close the space between the roof edge and tank wall unless the source has been retrofitted with equally effective alternative control which has been approved.
- (2) The facility is maintained such that there are no visible holes, tears, or other openings in the seal or any seal fabric or materials.
- (3) All openings, except stub drains, are equipped with covers, lids, or seals such that:
 - (A) The cover, lid, or seal is in the closed position at all times except when in actual use;
 - (B) Automatic bleeder vents are closed at all times except when the roof is floated off or landed on the roof leg supports;
 - (C) Rim vents, if provided, are set to open when the roof is being floated off the roof leg supports or at the manufacturer's recommended setting.

326 IAC 8-1-6 (VOC Rules: General Reduction Requirements)

The emission units at this source have potential VOC emissions of less than 25 tons per year. Therefore, 326 IAC 8-1-6 does not apply.

Conclusion

The construction of the ethanol storage tanks no. TK-507 and 508 and the operation of this petroleum processing operation and terminal shall be subject to the conditions of the Re-Registration No.: 069-18218-00042.